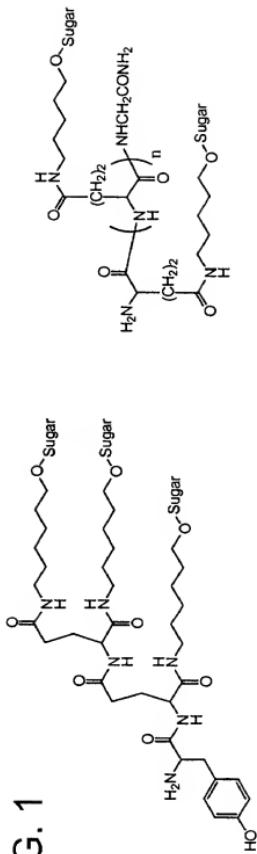
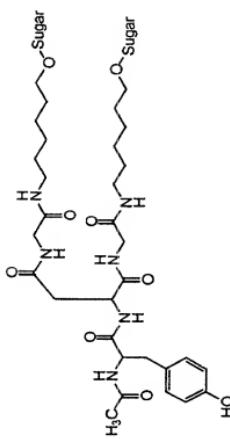


FIG. 1



1 2



3 4

^asugar may be, but is not restricted to, any of the following sugars: glucose, N-acetylglucosamine, galactose, N-acetylgalactose, mannose, fucose.

^bFolic acid may be used in place of the sugar residues

FIG. 2a

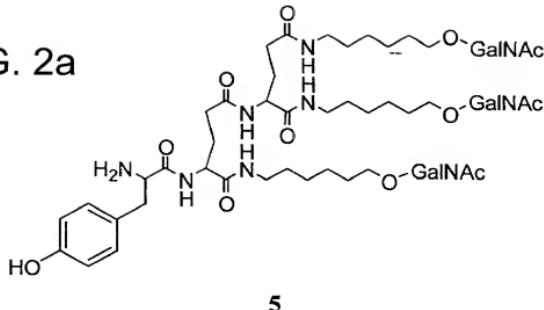
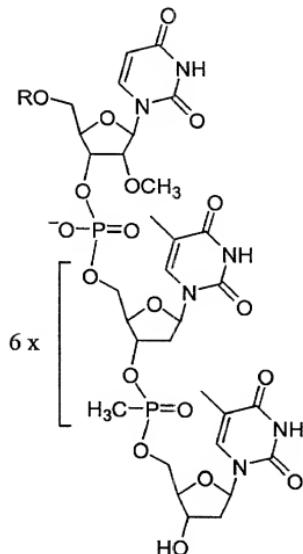


FIG. 2b



6a R = H

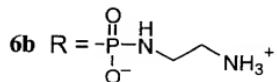


FIG. 2c

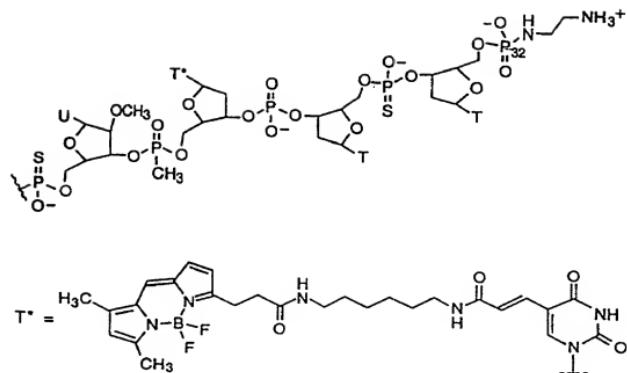


FIG. 2d

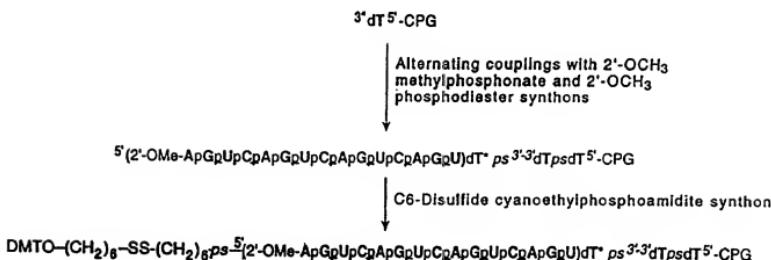


FIG. 2e

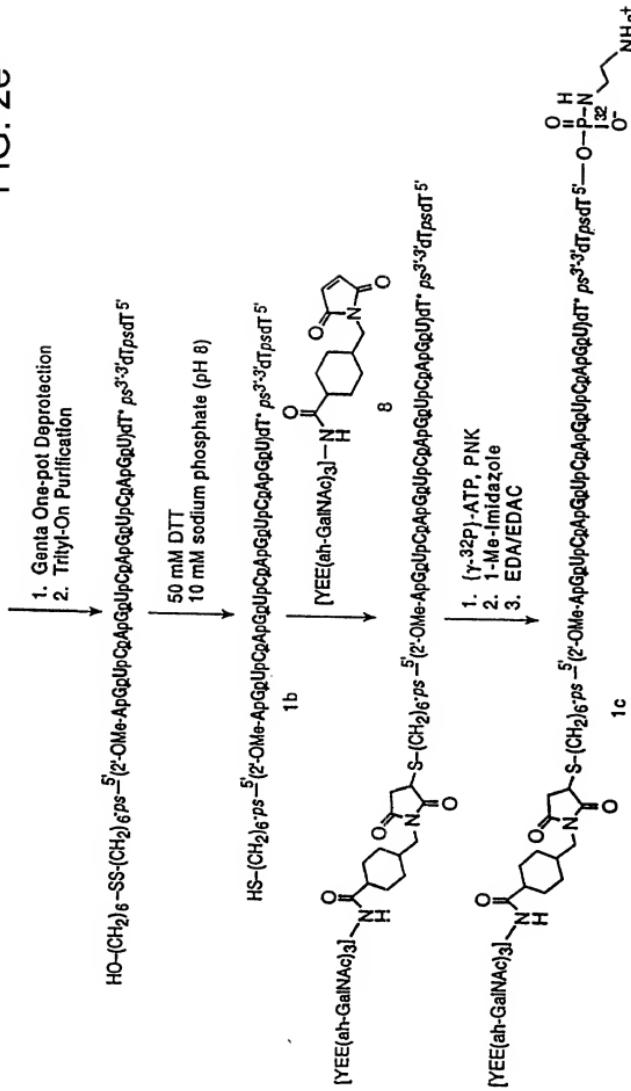


FIG. 3

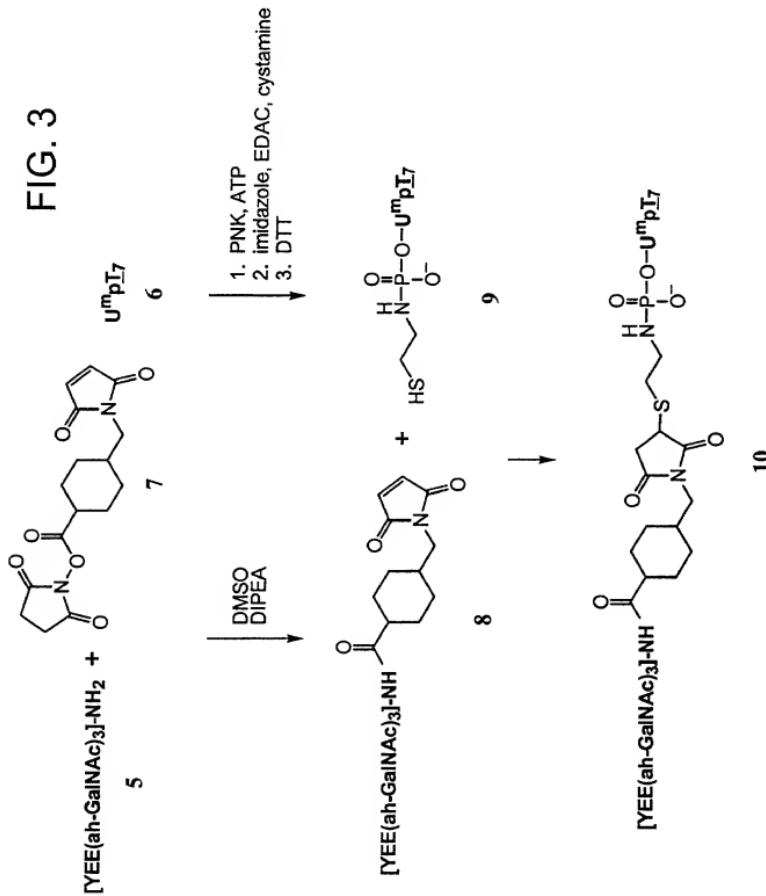


FIG. 4

1 2 3 4

2

3

4

6

G

B

E

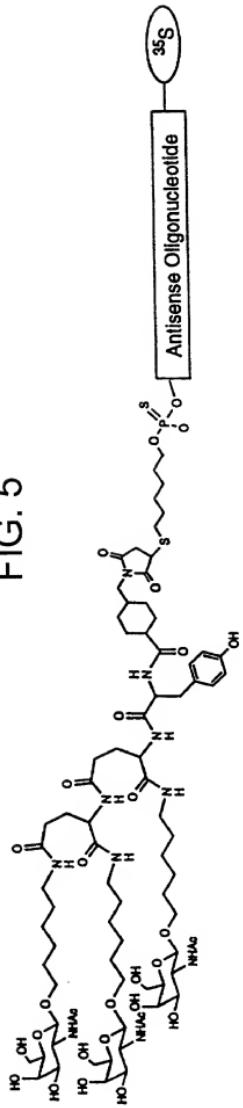
1

D

XC> A

卷之三

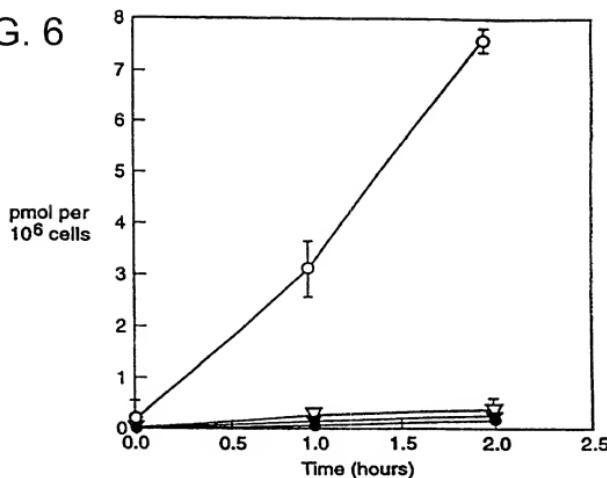
FIG. 5



Antisense Oligonucleotide <div style="border: 1px solid black; padding: 2px; display: inline-block;"> where <i>is</i> either </div>	GTT CTC CAT GTT CAG TTT ATA AGG GTC GAT GTC CAT AAA GCC ACC CAA GGC A TGA GCT ATG CAC ATT CAG ATT T	NG1 NG2 NG3 NG4	Surface Antigen Core Encapsulation Random

where is $\{-\{^{35}S\}-ps^*A\}_n$ $n = 1..3$

FIG. 6



TOE230-1478860

FIG. 7

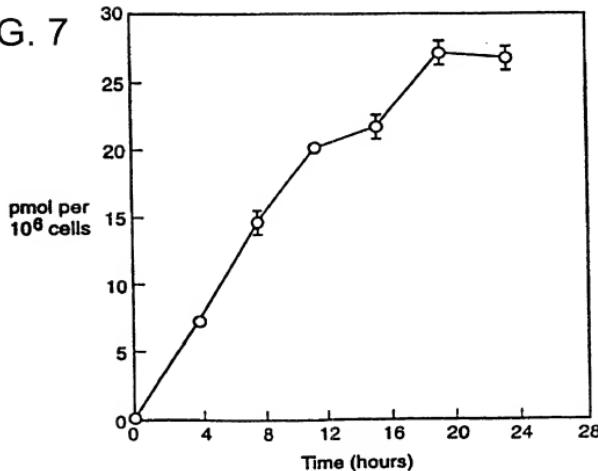
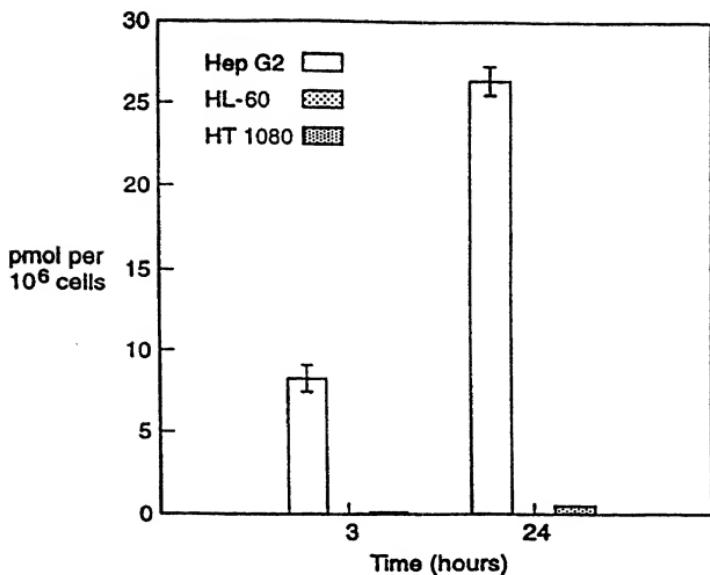


FIG. 8



702230-49786360

NUCLEASE RESISTANT NEOGLYCOCONJUGATE UPTAKE
BY HEP G2 CELLS

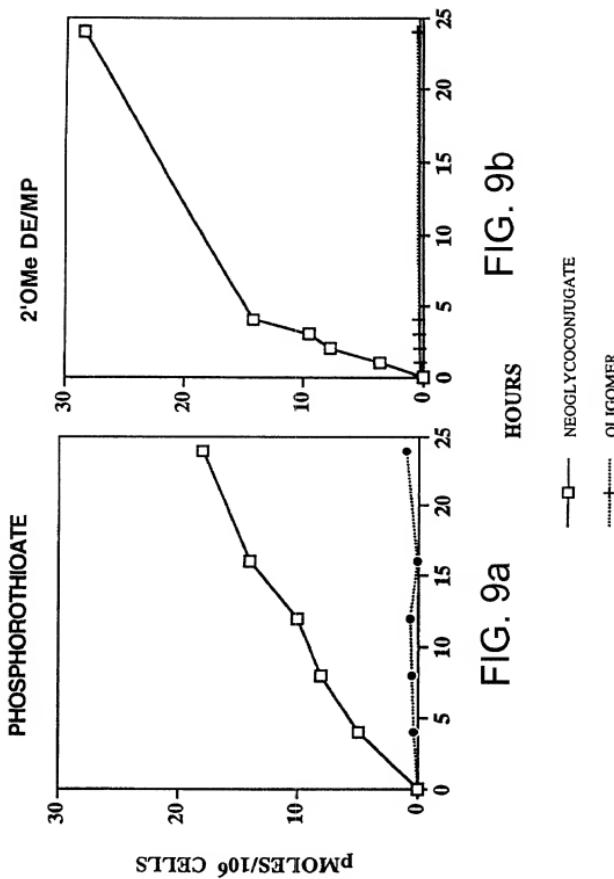


FIG. 10
NUCLEASE RESISTANT NEOGLYCONJUGATE UPTAKE
BY HEP G2 2.2.15 CELLS

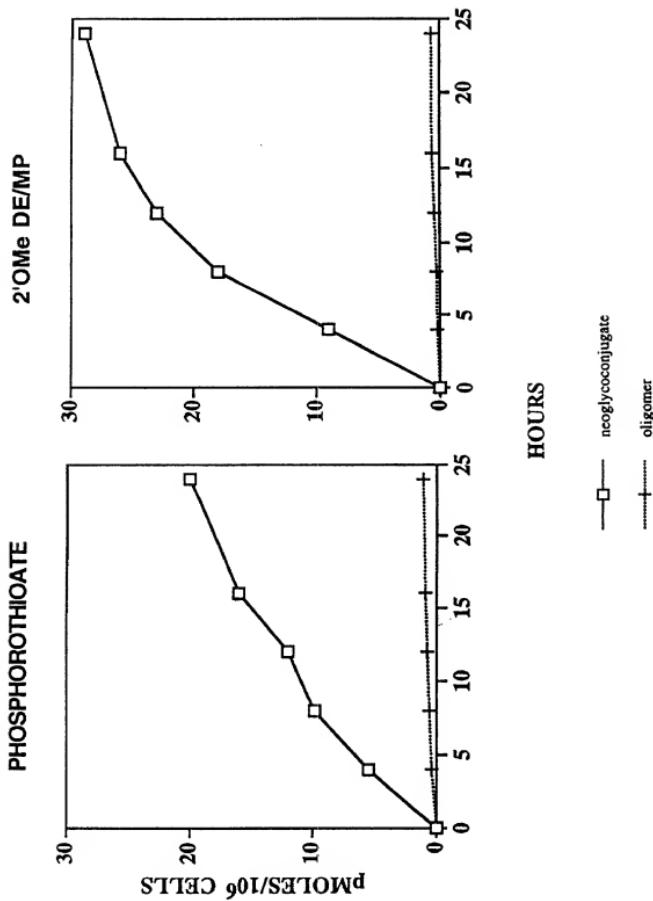


FIG. 11

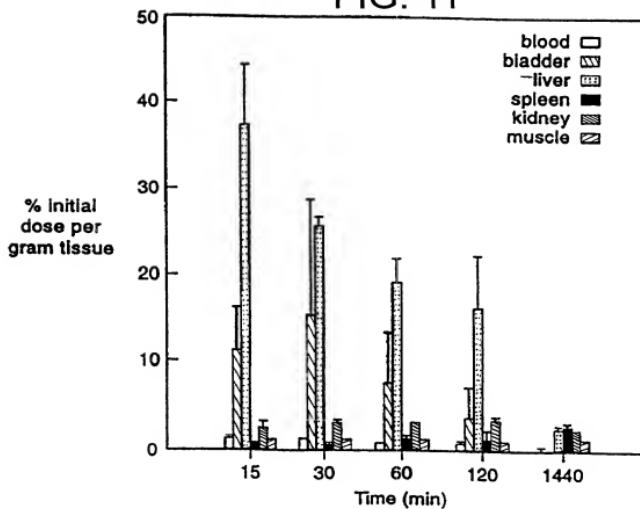
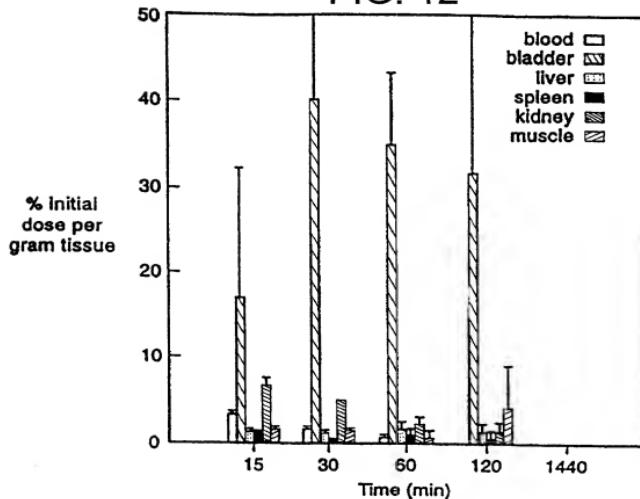


FIG. 12



Tissue Distribution in Mice of [$\text{S}-35$]-Labeled
Antisense Phosphorothioate Oligomer Against HBV

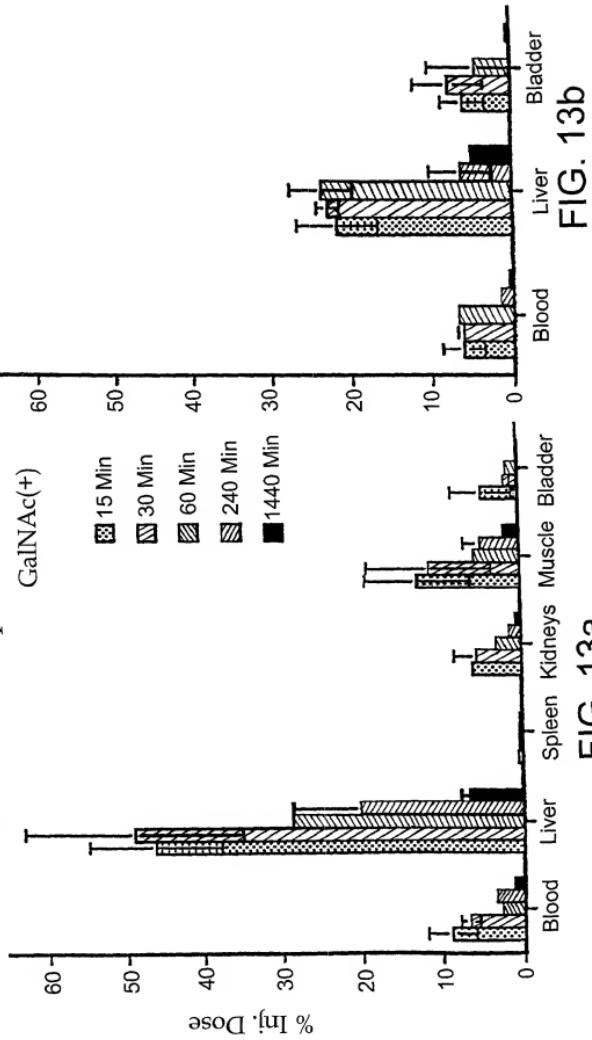


FIG. 14

1 2 3 4 5 6 7 8

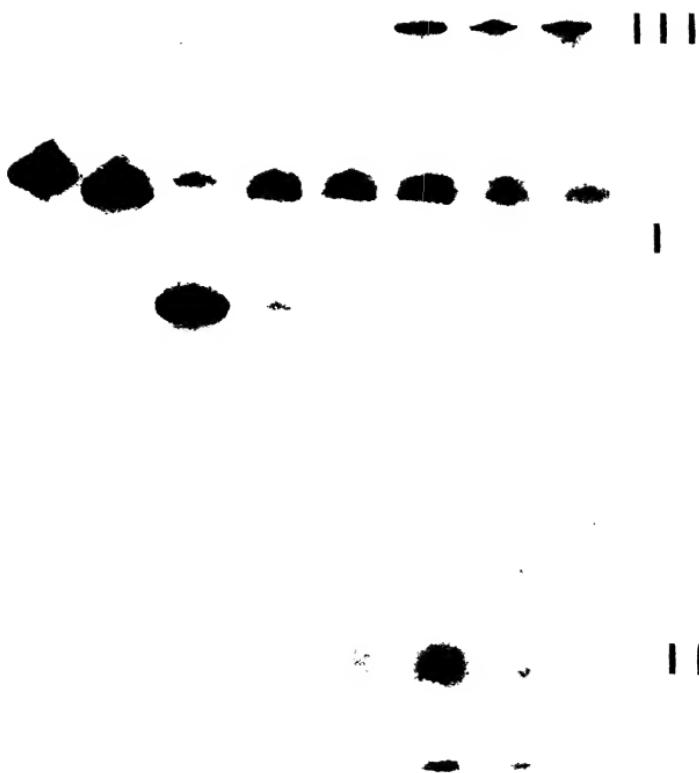
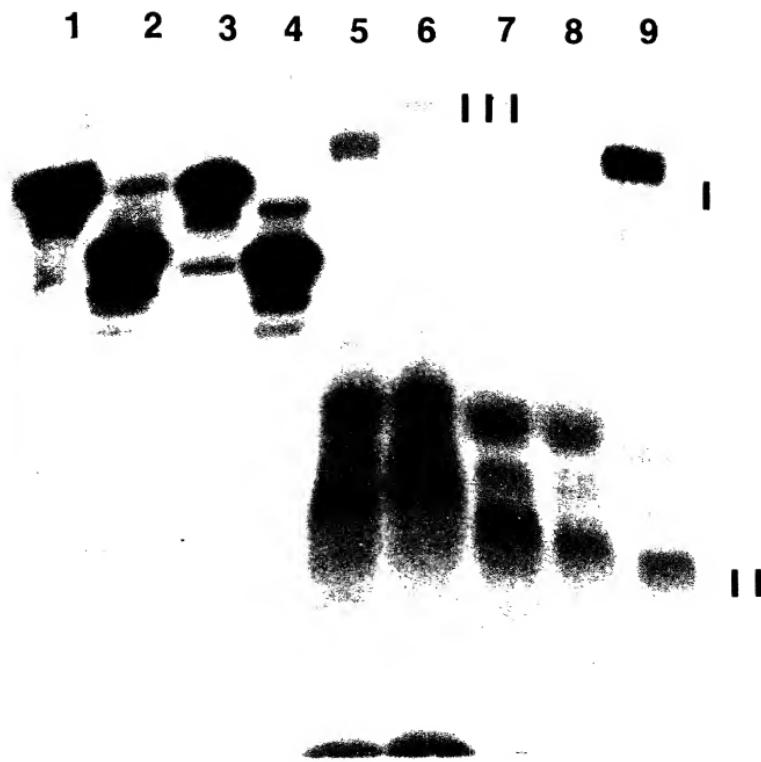
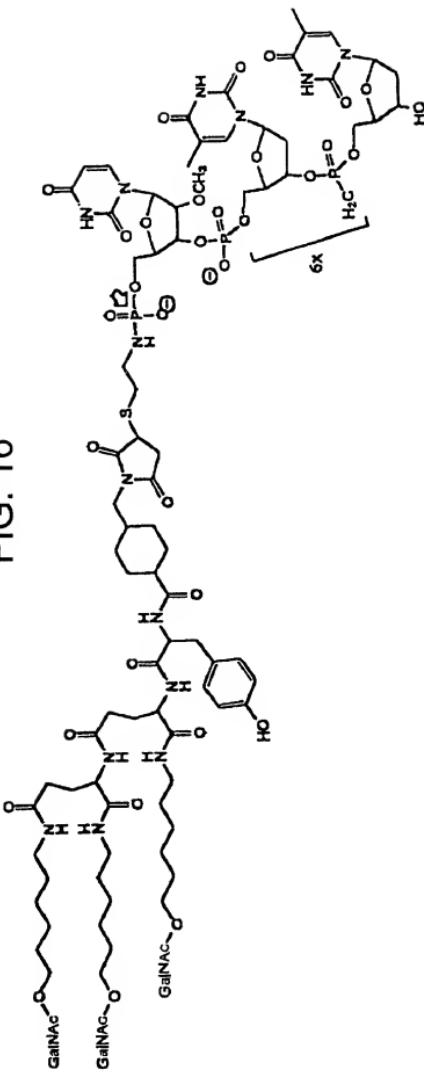


FIG. 15



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FIG. 16



10: YEE(abGalNAc)₃-SMCC-AET-pU^mpL,

11: YEE(ab)-SMCC-AET-pU^mpL,

12: [Y]-SMCC-AET-pU^mpL,

13: pU^mpL,

14: YEE(abGalNAc)₃-SMCC-AET-pU^mpL,

15: YEE(abGalNAc)₃-SMCC-AET-pU^m

1 2 3 4 5 6 7 8

FIG. 17



FIG. 18

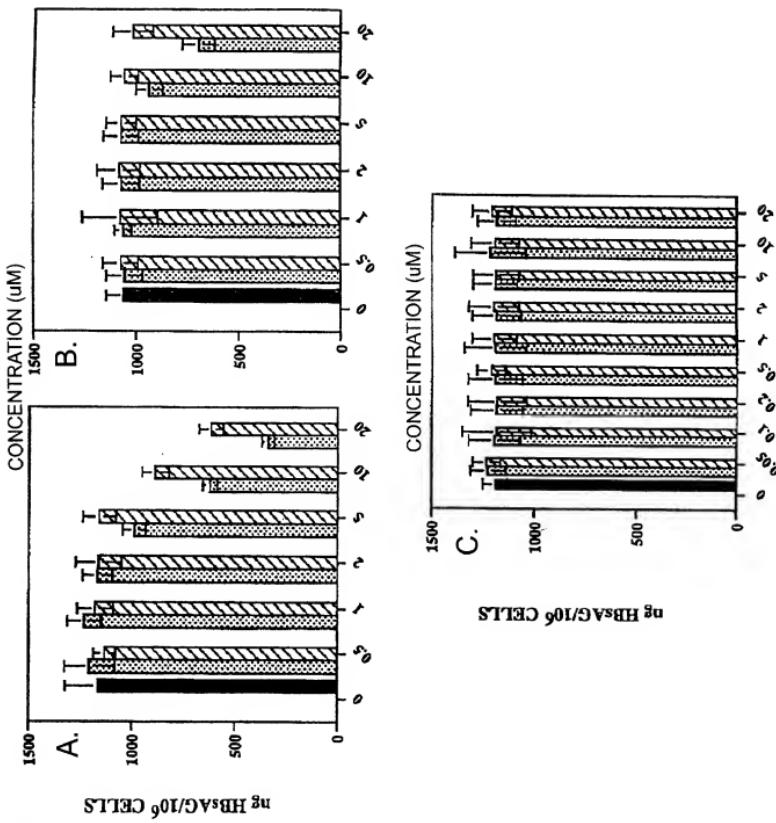


FIG. 19

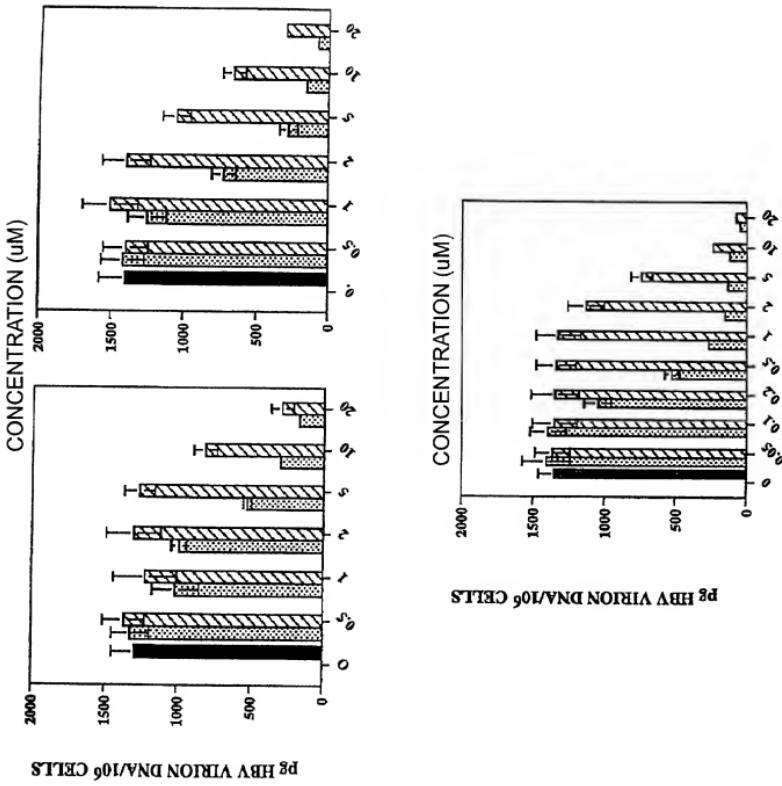


FIG. 20

